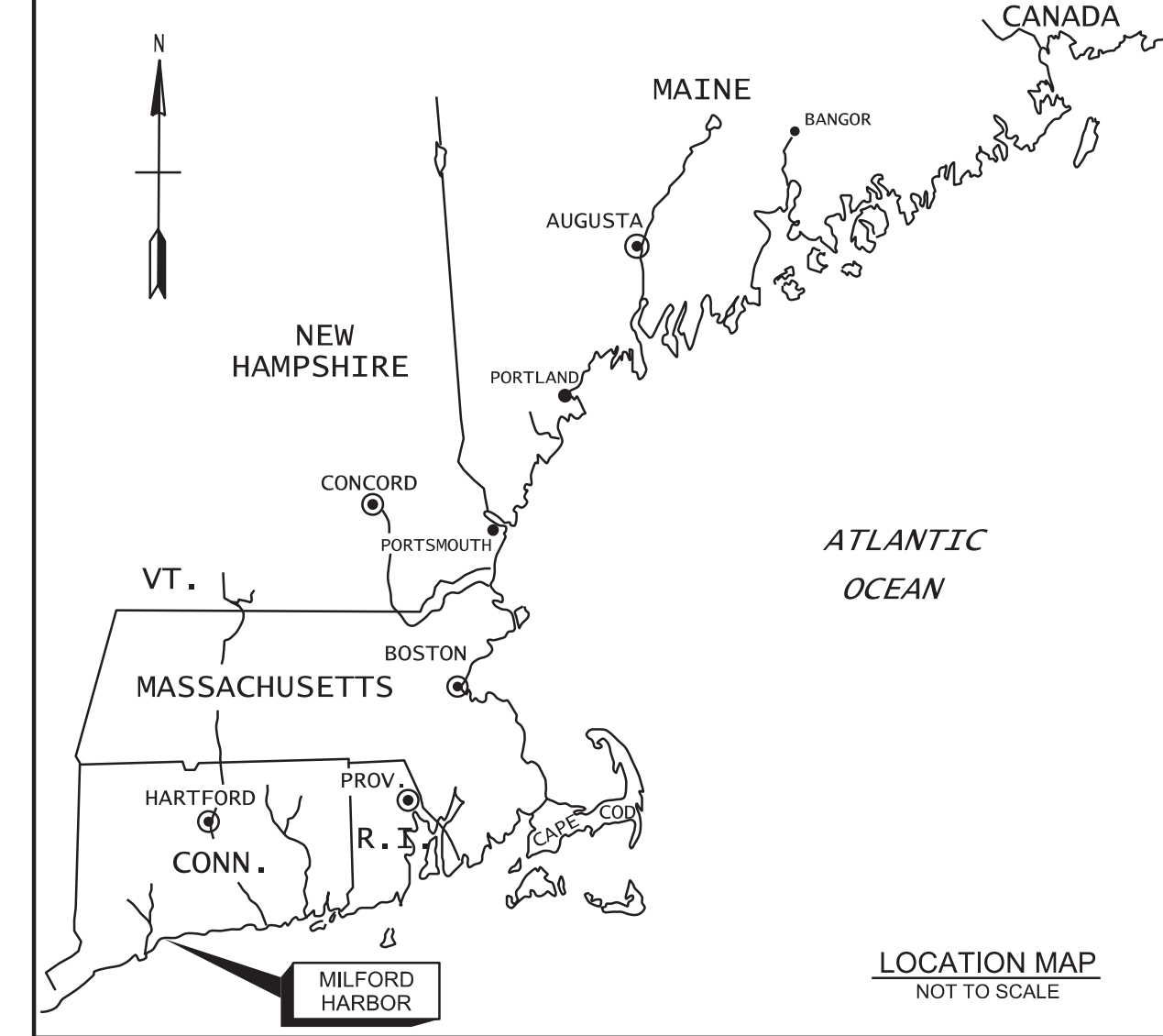


INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
FL R-4	07/19/16	N 635340.72 E 917675.33	41°-12'-15.8"N 73°-02'-57.0"W
GC-5	07/19/16	N 635916.92 E 917562.81	41°-12'-21.5"N 73°-02'-58.5"W
RN-6	07/19/16	N 636147.45 E 917697.50	41°-12'-23.8"N 73°-02'-56.8"W
RN-6A	07/19/16	N 636893.55 E 917751.66	41°-12'-31.2"N 73°-02'-56.1"W
GC-7	07/19/16	N 637230.59 E 917658.93	41°-12'-34.5"N 73°-02'-57.3"W
RN-8	07/19/16	N 637332.15 E 917738.13	41°-12'-35.5"N 73°-02'-56.3"W



US Army Corps of Engineers	
DATE	DESCRIPTION
8/25/2016	UPDATE MONTH OF DREDGING TO "JUNE 2016"

ISSUE DATE:	AUGUST 18, 2016
OWN BY:	U.S. ARMY CORPS OF ENGINEERS
CREATED BY:	WHW
REVIEWED BY:	SWK
DESIGNED BY:	SWK
CHECKED BY:	SWK
DRAWING CODE:	SHEET 1 OF 2
SCALE:	AS SHOWN
ANSI:	Z39.18

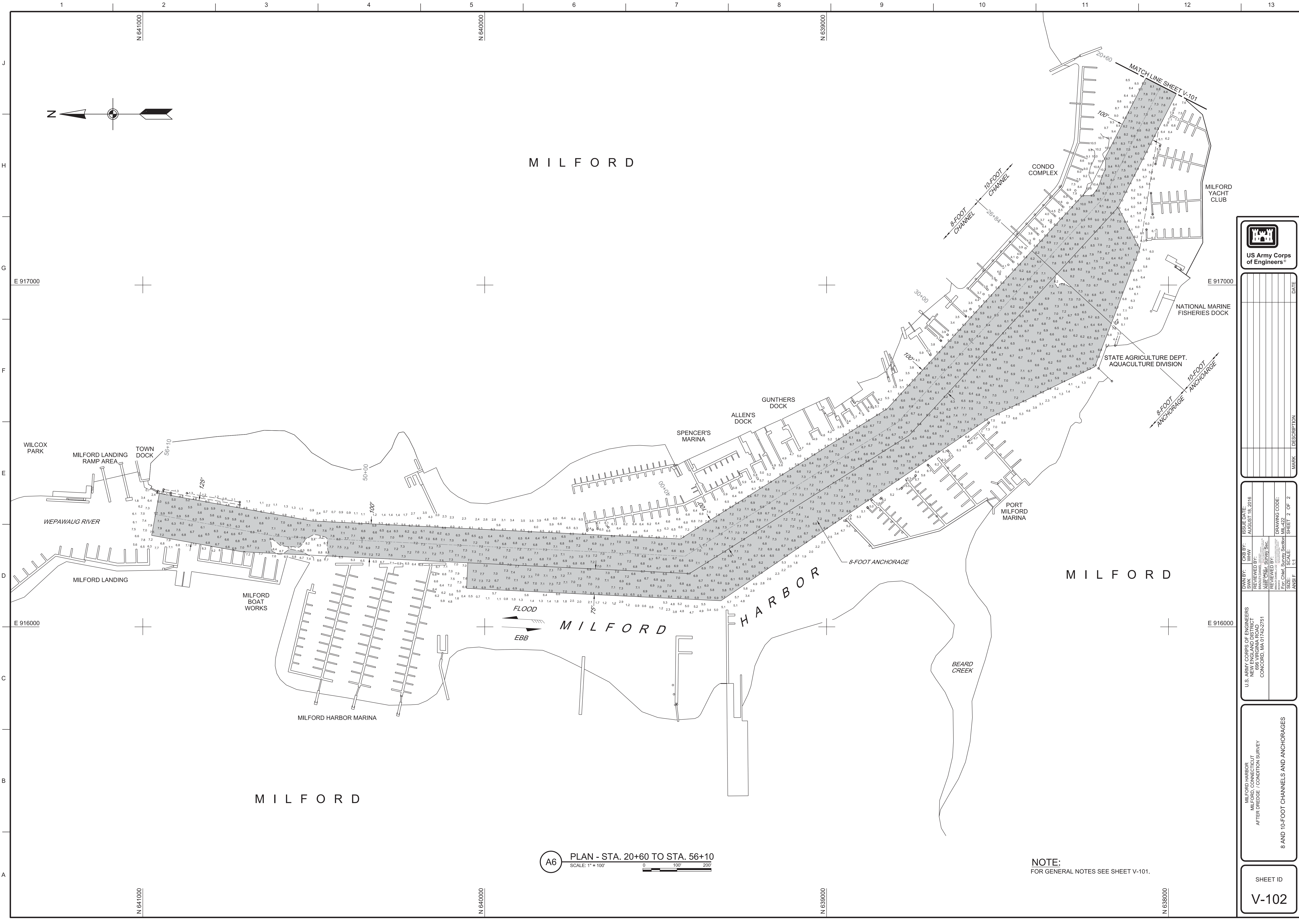
MILFORD HARBOR
MILFORD, CONNECTICUT
AFTER DREDGE / CONDITION SURVEY

8 AND 10-FOOT CHANNELS AND ANCHORAGES

SHEET ID
V-101

A6 PLAN - STA. 0+00 TO STA. 20+60
SCALE: 1" = 100'

- GENERAL NOTES:**
- SOUNDINGS ARE IN FEET AND TENTHS. THE REFERENCE PLANE IS MEAN LOWER LOW WATER (MLLW) AND IS BASED ON THE 1983-2001 TIDAL EPOCH. SOUNDINGS NOTED WITH A (+) ABOVE THE REFERENCE PLANE OF MLLW. SOUNDINGS WITHOUT A SIGN ARE BELOW THE REFERENCE PLANE OF MLLW, AND SHOULD BE CONSIDERED NEGATIVE.
 - TOPOGRAPHY SHOWN IS FROM PREVIOUS SURVEYS, AERIAL IMAGERY AND/OR NOAA CHART NO. 13270. ALL TOPOGRAPHY, INCLUDING SHORELINE, BRIDGES, PIERS, ETC., IS LOCATED APPROXIMATE UNLESS OTHERWISE NOTED AND SHOULD BE USED AS A GENERAL REFERENCE ONLY.
 - BENCH MARK DATA: TIDES WERE RECORDED USING RTK GPS. THE MLLW TO NAVD88 CORRECTION FOR THIS PROJECT IS 3.64 FEET. THIS CORRECTION IS PUBLISHED BY NOAA BENCH MARKS AT MILFORD HARBOR, CONNECTICUT (STATION ID 8466442, 04/29/2003). NAVD88 IS ABOVE MLLW; THEREFORE THE CORRECTION SHOULD BE ADDED TO NAVD88 TO CONVERT TO MLLW. NO TIDE GAUGES WERE USED ON THIS PROJECT. THE AVERAGE RANGE OF TIDE IS 6.3 FEET.
 - COORDINATES SHOWN ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE STATE OF CONNECTICUT (ZONE 0600), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.
 - SURVEY WAS PERFORMED USING AN R2 SONIC 2024 MULTIBEAM SONAR SYSTEM OPERATING AT 300 KHZ. HORIZONTAL POSITIONING AND REAL TIME TIDE READINGS WERE RECORDED UTILIZING A TRIMBLE SPS 855 RTK GPS SYSTEM. THE RTK BASE STATION USED WAS STATION TOWN RAMP (2008).
 - THE SOUNDING INFORMATION SHOWN ON THESE MAPS REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING JULY 2016.
 - THE SOUNDING INFORMATION DEPICTED ON THESE MAPS SHOULD NOT BE USED TO DETERMINE VOLUMES. VOLUMES ARE DETERMINED FROM MORE SOUNDING INFORMATION THAN SHOWN.
 - THE INFORMATION DEPICTED ON THESE MAPS REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.
 - FIELD BOOK: R&H 4250
8-FOOT DEPTH CONTOUR SHOWN THUS:
10-FOOT DEPTH CONTOUR SHOWN THUS:
SURVEYED BY: ROBERT MACGOVERN AND CREW
REFER TO SURVEY NO. 16-1400



A6 PLAN - STA. 20+60 TO STA. 56+10
 SCALE: 1" = 100'

NOTE:
 FOR GENERAL NOTES SEE SHEET V-101.

 US Army Corps of Engineers	
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 686 VIRGINIA ROAD CONCORD, MA 01742-2751	ISSUE DATE: AUGUST 18, 2016
DWN BY: SWK CRB BY: WHW REVIEWED BY: ALB, CHM, SNO, SJC REVIEWED BY:	DRAWING CODE: SHEET 2 OF 2
PROJECT: 8 AND 10-FOOT CHANNELS AND ANCHORAGES	SCALE: 1" = 100' ANSIF 1.1
SHEET ID V-102	